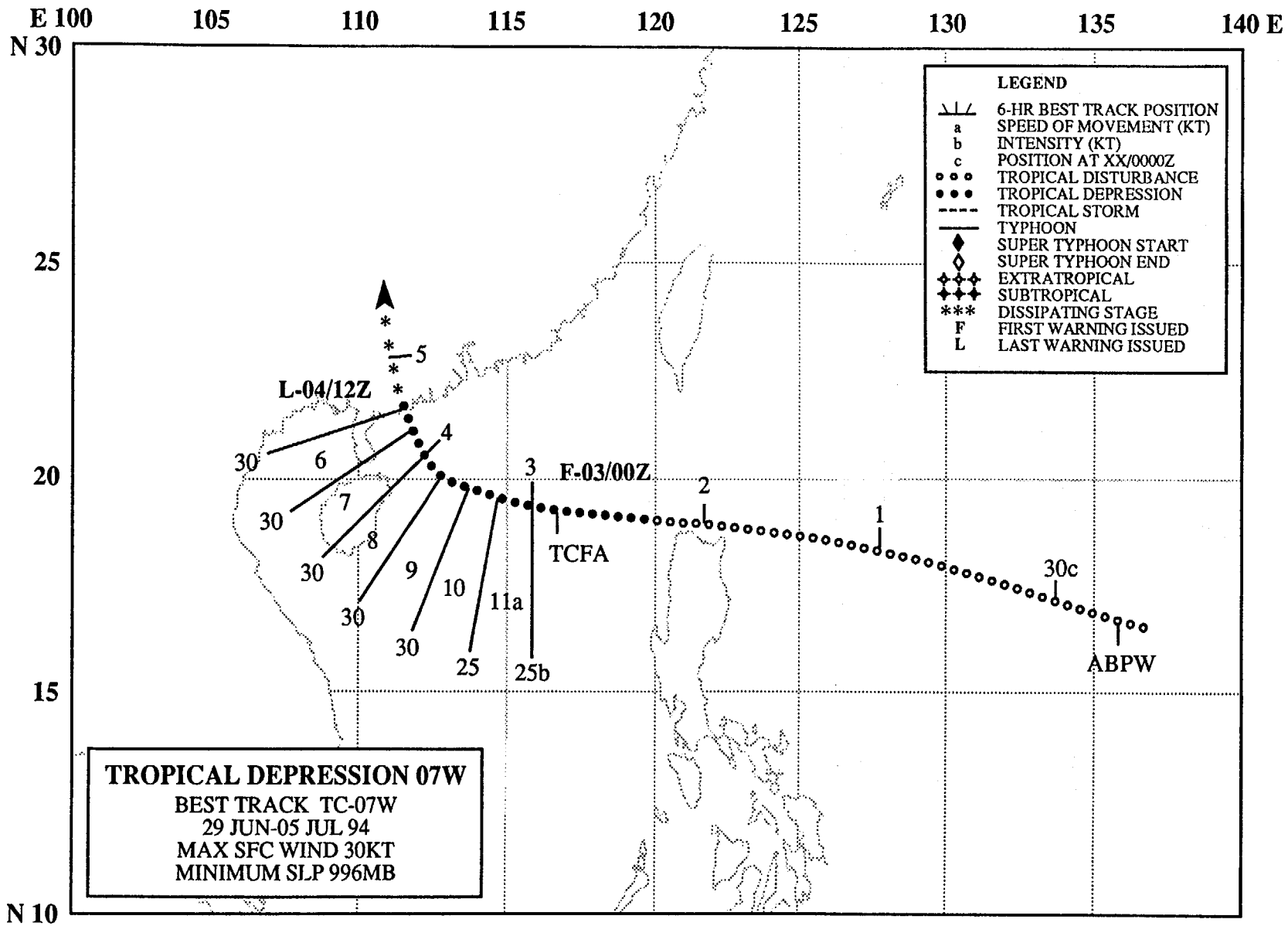
E 100
105
110
115
120
125
130
135
140 E
N 30
25
20
15
N 10
LEGEND
6-HR BEST TRACK POSITION
a SPEED OF MOVEMENT (KT)
b INTENSITY (KT)
c POSITION AT XX/0000Z
TROPICAL DISTURBANCE
TROPICAL DEPRESSION
TROPICAL STORM
TYPHOON
SUPER TYPHOON START
SUPER TYPHOON END
EXTRATROPICAL
SUBTROPICAL
*** DISSIPATING STAGE
F FIRST WARNING ISSUED
L LAST WARNING ISSUED
L-04/12Z
F-03/00Z
TCFA
ABPW
30c
TROPICAL DEPRESSION 07W
BEST TRACK TC-07W
29 JUN-05 JUL 94
MAX SFC WIND 30KT
MINIMUM SLP 996MB

TROPICAL DEPRESSION 07W

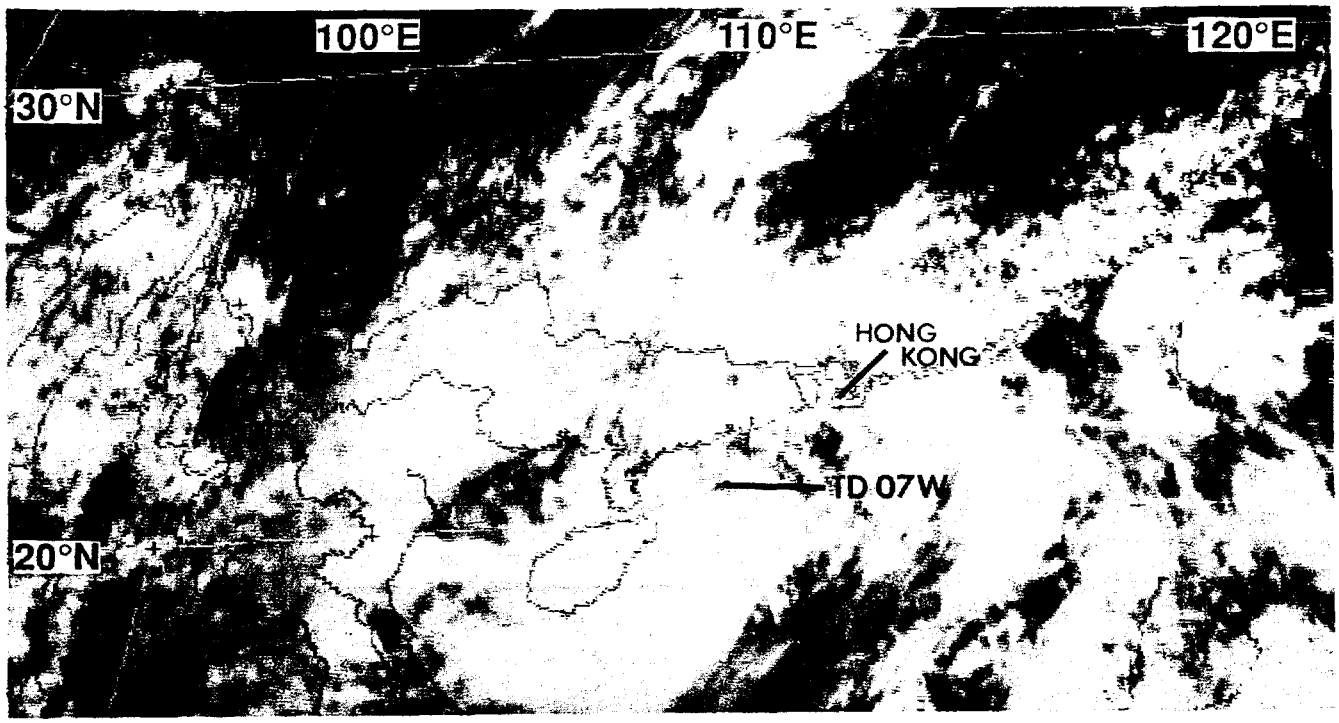

Figure 3-07-1 The result of strong northeasterly upper-level shear, Tropical Depression 07W exhibits a partially exposed low-level circulation center (LLCC) (040031Z July visible GMS imagery).

Tropical Depression (TD) 07W, the third tropical cyclone of June, developed in the monsoon trough around 17°N 135°E, late on 29 June. Under the influence of strong vertical shear, it never intensified above tropical depression intensity. The system moved across the Philippine Sea at 14-15 kt (26-28 km/hr). On 02 June, it passed north of Luzon into the South China Sea. Influenced by deep steering associated with the southwest monsoon, TD 07W slowed in forward speed, and turned toward the northwest. It reached its 30 kt (15 m/sec) maximum intensity just prior to making landfall in southern China (Figure 3-07-1), virtually in the same spot that Tropical Storm Sharon (06W) had gone ashore two weeks earlier. TD 07W dissipated over southern China. Heavy rains and flooding associated with TD 07W led to four people killed, two people missing, 6,700 houses destroyed, another 50,000 damaged, and 365 mines and factories forced to close. Total loses were estimated at $US 114 million.